

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L2 | 1 | "10.74" adj micrometers | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/05/12 12:49 |
| L3 | 1 | "10.34" adj micrometers | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/05/12 12:49 |
| L4 | 0 | "10.34" adj micrometer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/05/12 12:49 |
| L5 | 4 | "6244097" | USPAT | OR | OFF | 2005/05/12 12:50 |
| L6 | 146 | ammonia same infrared adj (absorption or adsorption) | USPAT | OR | OFF | 2005/05/12 12:52 |
| L8 | 5 | l7 and "436"/\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/05/12 12:51 |
| L9 | 10 | ammonia same infrared adj (absorption or adsorption) same wavelength | USPAT | OR | ON | 2005/05/12 13:03 |
| L10 | 7640 | owen.in. | USPAT | OR | ON | 2005/05/12 13:03 |
| L11 | 78 | thomas adj owen.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/05/12 13:04 |
| L12 | 4 | thomas adj owen.in. and plasma | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/05/12 13:04 |
| L13 | 403 | owen.in. and plasma | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/05/12 13:04 |
| L14 | 108 | owen.in. and plasma and ammonia | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/05/12 13:04 |

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| L15 | 22 | owen.in. and plasma and ammonia and nitrogen and hydrocarbon | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/05/12 13:04 |
| S1 | 376 | dissociat\$4 same nitrogen same hydrogen same hydrocarbon | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/05/02 14:29 |
| S2 | 653 | dissociat\$4 same nitrogen same hydrogen same hydrocarbon | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/26 11:56 |
| S3 | 212 | dissociat\$4 same nitrogen same hydrogen same hydrocarbon same ammonia | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/26 13:01 |
| S4 | 6 | "6244097" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/26 12:42 |
| S5 | 2 | "20020040590" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/26 12:56 |
| S6 | 1670 | dissociat\$4 near5 nitrogen dissociat\$ near5 hydrogen same hydrocarbon same ammonia | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/26 13:02 |
| S7 | 34 | dissociat\$4 near5 nitrogen same dissociat\$ near5 hydrogen same hydrocarbon same ammonia | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/26 13:09 |
| S8 | 338 | reform\$4 near10 ammonia same hydrogen same nitrogen | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/26 13:13 |
| S9 | 8 | reform\$5 and dissociat\$4 and hydrogen and nitrogen and methane and hydrocarbon and ammonia near6 (detect\$4 or determin\$4 or assay\$4 or analy\$4 or test\$4 or measur\$4 or monitor\$4 or quantif\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/26 13:21 |

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| S10 | 69 | reform\$5 and dissociat\$4 and hydrogen and nitrogen and ammonia near6 (detect\$4 or determin\$4 or assay\$4 or analy\$4 or test\$4 or measur\$4 or monitor\$4 or quantif\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/26 13:21 |
| S11 | 77 | reform\$5 and dissociat\$4 and hydrogen and nitrogen and ammonia near10 (detect\$4 or determin\$4 or assay\$4 or analy\$4 or test\$4 or measur\$4 or monitor\$4 or quantif\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/26 13:42 |
| S12 | 352 | plasma adj discharge adj chamber | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/26 13:42 |
| S13 | 7 | plasma adj discharge adj chamber same ammonia | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/26 13:43 |
| S14 | 6 | plasma adj discharge adj chamber and ammonia same hydrogen same nitrogen | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/26 13:44 |
| S15 | 41 | plasma adj discharge adj chamber and ammonia | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/26 13:48 |
| S16 | 29 | plasma adj discharge adj chamber and ammonia and nitrogen and hydrogen | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/26 14:18 |
| S17 | 352 | plasma adj discharge adj chamber | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/26 14:18 |
| S18 | 40 | plasma adj discharge adj chamber and hydrocarbon | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/26 14:20 |
| S19 | 687 | plasma adj discharge and hydrogen and nitrogen and ammonia | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/26 14:20 |

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| S20 | 658 | S19 not S17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/26 14:38 |
| S21 | 43 | non adj thermal adj plasma adj discharge | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/26 14:38 |
| S22 | 43 | non-thermal adj plasma adj discharge | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/26 14:39 |
| S23 | 9 | non-thermal adj plasma adj discharge and ammonia and nitrogen and hydrogen | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/26 14:40 |
| S24 | 5 | triatomic near3 nitrogen | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/04/26 15:15 |
| S25 | 1 | "10.34" adj micrometers | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/04/26 15:16 |
| S26 | 42 | ammonia near10 infrared near4 absorption | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/04/26 15:16 |
| S27 | 1470850 | nonthermal adj plasma discharge | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/04/28 18:53 |
| S28 | 8 | nonthermal adj plasma adj discharge | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/28 18:53 |
| S29 | 43 | non-thermal adj plasma adj discharge | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/28 18:53 |

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| S30 | 792 | reforming near10 ammonia | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/28 19:40 |
| S31 | 237 | reforming near10 ammonia same hydrogen same nitrogen | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/28 19:41 |
| S32 | 17 | reforming near10 ammonia same hydrogen same nitrogen same (detect\$4 or determin\$4 or test\$3 or monitor\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/28 19:41 |
| S33 | 26 | reform\$3 near10 ammonia same hydrogen same nitrogen same (detect\$4 or determin\$4 or test\$3 or monitor\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/28 20:00 |
| S34 | 14 | 436/113 and 436/114 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/28 20:02 |
| S35 | 11 | 436/114 and plasma | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/28 20:03 |
| S36 | 3 | reforming same ammonia near10 detect\$4 same nitrogen | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/28 20:05 |
| S37 | 7 | thermal adj electric adj arc | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/28 20:06 |
| S38 | 111 | siefke.xa. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/04/30 12:28 |
| S39 | 42 | non adj thermal adj plasma adj discharge | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/05/02 13:47 |

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| S40 | 42 | (non adj thermal adj plasma adj discharge or non-thermal adj plasma adj discharge) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/05/02 13:48 |
| S41 | 509 | (non adj thermal adj plasma or non-thermal adj plasma) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/05/02 13:48 |
| S42 | 9 | (non adj thermal adj plasma or non-thermal adj plasma) same ammonia same nitrogen | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/05/02 13:52 |
| S43 | 207 | 436/113.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/05/02 13:53 |
| S44 | 23 | 436/113.ccls. and nitrogen and hydrocarbon | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/05/02 13:56 |
| S45 | 10 | 436/114.ccls. and nitrogen and hydrocarbon | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/05/02 13:57 |
| S46 | 2 | 436/114.ccls. and nitrogen and hydrocarbon and ammonia | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/05/02 13:57 |
| S47 | 3 | 436/115.ccls. and nitrogen and hydrocarbon and ammonia | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/05/02 13:57 |
| S48 | 12 | 436/116.ccls. and nitrogen and hydrocarbon and ammonia | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/05/02 13:58 |
| S49 | 1384 | "436"/\$ and nitrogen and hydrocarbon and ammonia | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/05/02 13:58 |

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| S50 | 457 | "436"/\$ and nitrogen and hydrocarbon and ammonia same (detect\$4 or determin\$4 or measur\$4 or test\$4 or monitor\$4 or quantif\$4 or check\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/05/02 13:59 |
| S51 | 109 | ammonia adj synthesis and nitrogen and plasma | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/05/02 14:07 |
| S52 | 119 | ammonia adj synthesis and nitrogen and (plasma or electric\$2 adj arc) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/05/02 14:07 |
| S53 | 17 | ammonia adj synthesis and nitrogen and electric\$2 adj arc | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/05/02 14:08 |
| S54 | 74 | nonthermal adj plasma | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/05/02 14:10 |
| S55 | 539 | (nonthermal adj plasma or non adj thermal adj plasma) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/05/02 14:10 |
| S56 | 114 | (nonthermal adj plasma or non adj thermal adj plasma) and ammonia | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/05/02 14:12 |
| S57 | 109 | (nonthermal adj plasma or non adj thermal adj plasma) and ammonia and nitrogen | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/05/02 14:12 |
| S58 | 2 | "2894821" | USPAT | OR | OFF | 2005/05/12 11:39 |
| S59 | 5 | "2894821" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/05/12 11:39 |